

Summary**Nucleic acid molecules encoding proteins mediating th adhesion of Neisseria  
cells to human cells**

Described are nucleic acid molecules encoding proteins mediating the adhesion of bacteria of the genus Neisseria to human cells. Also described are the proteins encoded by these nucleic acid molecules and antibodies directed against them. Furthermore, pharmaceutical compositions, vaccines and diagnostic compositions containing the nucleic acid molecules, proteins and/or antibodies are described.